

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

45

Application Number

10/775,180

Filing Date

February 11, 2004

First Named Inventor

Craig A. Rosen et al.

Art Unit

1653

Examiner Name

Karen C. Carlson

Attorney Docket Number

6832.0064-00

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials*	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
		4,336,248	06/22/1982	Bonhard et al.	
		4,751,180	06/14/1988	Cousens et al.	
		4,765,980	08/23/1988	DePrince et al.	
		4,801,575	01/31/1989	Pardridge et al.	
		4,914,027	04/03/1990	Knapp et al.	
		4,959,314	09/25/1990	Mark et al.	
		4,970,300	11/13/1990	Fulton et al.	
		5,045,312	09/03/1991	Aston et al.	
		5,073,627	12/17/1991	Curtis et al.	
		5,100,784	03/31/1992	Latta et al.	
		5,116,944	05/26/1992	Sivam et al.	
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		5,187,261	02/16/1993	Latta et al.	
		5,223,408	06/29/1993	Goeddel et al.	
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		5,336,603	08/09/1994	Capon et al.	
KCC		5,380,712	01/10/1995	Ballance et al.	
KCC		5,612,196	03/18/1997	Becquart et al.	

Examiner
Signature

KCCarlson

Date

Considered

5-2-06

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IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
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		5,641,663	06/24/1997	Garvin et al.	
KCC		5,646,012	07/08/1997	Fleer et al.	
KCC		5,665,863	09/09/1997	Yeh et al.	
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		6,165,470	12/26/2000	Becquart et al.	
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		6,686,179	02/03/2004	Fleer et al.	
KCC		2005-0037022	02/17/05	Rosen et al.	

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KCC		2004-0171123	09/02/2004	Rosen et al.	
KCC		2004-0086977	05/06/2004	Fleer et al.	
KCC		2004-0086976	05/06/2004	Fleer et al.	
KCC		2004-0010134	01/15/2004	Rosen et al.	
KCC		2003-0219875	11/27/2003	Rosen et al.	
KCC		2003-0199043	10/23/2003	Ballance et al.	
KCC		2003-0171267	09/11/2003	Rosen et al.	
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KCC		10/922,142		Rosen et al.	
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Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

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		0 073 646 A2	03/09/1983	EPO		
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		0 241 435 A2	10/14/1987	EPO		
		0 236 210 A1	09/09/1987	EPO		English Equivalent
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		0 308 381 A1	03/22/1989	EPO		

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		0 330 451 A2	08/30/1989	EPO		
		0 344 459 A2	12/06/1989	EPO		
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		0 366 400 A2	05/02/1990	EPO		
		0 395 918 A2	11/07/1990	EPO		
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		0 511 912 A1	11/04/1992	EPO		English Equivalent

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		Number Kind Code (if known)				
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		0 771 871 A2	07/05/1997	EPO		
		1 117790	05/10/1989	Japan		Abstract
		1235981A	11/24/1999	China		Abstract
		1239103A	12/22/1999	China		Abstract
		2 117384	05/01/1990	Japan		Abstract
		2 193 631 A	02/17/1988	UK		
		2 227079	09/10/1990	Japan		Yes
		2 350 362 A	11/29/2000	UK		
		2 635 115	08/06/1990	France		English Equivalent
		2 719 593	11/10/1995	France		English Equivalent
		2022539	02/04/1991	Canada		
		3 201987	09/03/1991	Japan		Yes
		3 27320	02/05/1991	Japan		Abstract
		37 23 781 A1	01/21/1988	Germany		English Equivalent
		4 211375	08/03/1992	Japan		Abstract
		5 292972	11/09/1993	Japan		Abstract
		6 38771	02/15/1994	Japan		Abstract

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		Number Kind Code (if known)				
		6-22784	02/01/1994	Japan		Abstract
		704594	05/31/1995	Australia		
		8 53500	02/27/1996	Japan		Abstract
		8 59509	03/05/1996	Japan		Abstract
		8-51982	02/27/1996	Japan		Abstract
		WO 00/04171	01/27/2000	PCT		
		WO 00/23459	04/27/2000	PCT		
		WO 00/44772	08/3/2000	PCT		
		WO 87/03887	07/02/1987	PCT		
		WO 89/02922	04/06/1989	PCT		
		WO 90/04788	05/03/1990	PCT		
		WO 90/13653	11/15/1990	PCT		
		WO 91/02754	03/07/1991	PCT		
		WO 91/08220	06/13/1991	PCT		
		WO 93/00109	01/07/1993	PCT		
		WO 93/00437	01/07/1993	PCT		Yes
		WO 93/03164	02/18/1993	PCT		
		WO 93/15199	08/05/1993	PCT		English Equivalent
		WO 93/15200	08/05/1993	PCT		Yes

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		Number Kind Code (if known)				
		WO 93/15211	08/05/1993	PCT		English Equivalent
		WO 94/25489	11/10/1994	PCT		
		WO 95/23857	09/08/1995	PCT		
		WO 95/27059	10/12/1995	PCT		
		WO 95/30759	11/16/1995	PCT		Yes
		WO 96/03144 A1	02/08/1996	PCT		
		WO 96/08512	03/21/1996	PCT		
		WO 96/14409	05/17/1996	PCT		English Equivalent
		WO 96/14416	05/17/1996	PCT		English Equivalent
		WO 96/18412	06/20/1996	PCT		
		WO 97/24445	07/10/1997	PCT		
		WO 97/34997	09/25/1997	PCT		
		WO 97/39132	10/23/1997	PCT		
		WO 98/04718	02/05/1998	PCT		
		WO 98/36085	08/20/1998	PCT		
		WO 99/00504	01/07/1999	PCT		
		WO 99/13914	03/25/1999	PCT		
		WO 99/15193	04/01/1999	PCT		Yes

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		WO 99/66054	12/23/1999	PCT		
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NON PATENT LITERATURE DOCUMENTS			
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		ABASTADO, J-P., et al., "A Soluble, Single Chain K ^d Molecule Produced by Yeast Selects a Peptide Repertoire Indistinguishable from that of Cell-surface-associated K ^d ," <i>Eur. J. Immunol.</i> 23:1776-1783 (1993).	
		AHLUWALIA, M., et al., "Isolation and Characterization of an Anticryptococcal Protein in Human Cerebrospinal Fluid," <i>J. Med. Microbiol.</i> 50:83-89 (2001).	
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		ANONYMOUS, "Use of Recombinant Human Albumin in the Formulation of Proteins," Research Disclosure, 516 August 1995.	
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		ARMSTRONG, J.D., et al., "Concentrations of Hormones and Metabolites, Estimates of Metabolism, Performance, and Reproductive Performance of Sows Actively Immunized Against Growth Hormone-Releasing Factor," <i>J. Anim. Sci.</i> 72:1570-1577 (1994).	
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		ARMSTRONG, J.D., et al., "Opioid Control of Growth Hormone in the Suckled Sow is Primarily Mediated Through Growth Hormone Releasing Factor," <i>Domestic Animal Endocrinology</i> 7:191-198 (1990).	
		ASENJO, J.A., et al., "Design of Enzyme Systems for Selective Product Release from Microbial Cells; Isolation of a Recombinant Protein from Yeast," <i>Annals of the New York Academy of Sciences</i> 542:140-152 (1988).	
		AVERY, R.A., et al., "Structural Integrity of the Human Albumin Gene in Congenital Analbuminemia," <i>Biochemical and Biophysical Research Communications</i> 116:817-821 (1983).	
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		BALLAY, A., et al., "In vitro and in vivo Synthesis of the Hepatitis B Virus Surface Antigen and of the Receptor for Polymerized Human Serum Albumin from Recombinant Human Adenoviruses," <i>The Embo Journal</i> 4:3861-3865 (1985).	
		BARASH I., et al., "Elements with the β-Lactoglobulin Gene Inhibit Expression of Human Serum Albumin cDNA and Minigenes in Transfected Cells but Rescue their Expression in the Mammary Gland of Transgenic Mice," <i>Nucleic Acids Research</i> 24:602-610 (1996).	

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		BARASH, I., et al., "Co-Integration of β -Lactoglobulin/Human Serum Albumin Hybrid Genes with the Entire β -Lactoglobulin Gene or the Matrix Attachment Region Element: Repression of Human Serum Albumin and β -Lactoglobulin Expression in the Mammary Gland and Dual Regulation of the Transgenes," <i>Molecular Reproduction and Development</i> 45:421-430 (1996).	
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				<i>First Named Inventor</i>	Craig A. Rosen et al.
				<i>Art Unit</i>	1653
				<i>Examiner Name</i>	Karen C. Carlson
				<i>Attorney Docket Number</i>	6832.0064-00
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NON PATENT LITERATURE DOCUMENTS			
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X		STANKO, R.L., et al., "Effect of Somatotropin and/or Equine Chorionic Gonadotropin on Serum and Follicular Insulin-Like Growth Factor I and Insulin-Like Growth Factor Binding Proteins in Cattle," <i>Biology of Reproduction</i> 50:290-300 (1994).	
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Examiner Signature	<i>KC Carlson</i>	Date Considered	5-2-06
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/775,180
				Filing Date	February 11, 2004
				First Named Inventor	Craig A. Rosen et al.
				Art Unit	1653
				Examiner Name	Karen C. Carlson
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ²
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Examiner Signature	<i>KC Carlson</i>	Date Considered	5-2-06
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				Filing Date	February 11, 2004
				First Named Inventor	Craig A. Rosen et al.
				Art Unit	1653
				Examiner Name	Karen C. Carlson
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ²
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Examiner Signature	<i>KCC</i>	Date Considered	5-2-06
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO			Complete if Known		
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			First Named Inventor	Craig A. Rosen et al.	
			Art Unit	1653	
			Examiner Name	Karen C. Carlson	
			Attorney Docket Number	6832.0064-00	
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
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Examiner Signature	<i>KCCarlson</i>	Date Considered	5-2-04
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				Filing Date	February 11, 2004
				First Named Inventor	Craig A. Rosen et al.
				Art Unit	1653
				Examiner Name	Karen C. Carlson
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NON PATENT LITERATURE DOCUMENTS			
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Examiner Signature	<i>KCC Carlson</i>	Date Considered	5-2-06
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
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			Filing Date	February 11, 2004	
			First Named Inventor	Craig A. Rosen et al.	
			Art Unit	1653	
			Examiner Name	Karen C. Carlson	
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NON PATENT LITERATURE DOCUMENTS			
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Examiner Signature	<i>KC Carlson</i>	Date Considered	5-2-07
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Dec 16, 2005 "B"

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (1) (Use as many sheets as necessary)				Complete if Known			
				Application Number		10/775,180	
				Filing Date		February 11, 2004	
				First Named Inventor		Craig A. Rosen et al.	
				Art Unit		1653	
				Examiner Name		Karen C. Carlson	
Sheet	1	of	4	Attorney Docket Number		6832.0064-00	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
		US-4,775,622	10/04/1988	Hitzeman et al.	
		US-5,010,003	04/23/1991	Chang et al.	
		US-5,260,202	11/09/1993	Clarke et al.	
		US-5,272,070	12/21/1993	Lehrman et al.	
		US-5,395,922	03/07/1995	Björn et al.	
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Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

Examiner Signature	<i>KC Carlson</i>	Date Considered	5-2-06
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				Examiner Name	Karen C. Carlson
Sheet	2	of	4	Attorney Docket Number	6832.0064-00

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation
		Country Code Number Kind Code (if known)				
sec		EP 0 201 239 B1	10/18/1998	Delta Biotechnology Limited		
		EP 0 241 435 B1	12/02/1992	Universita' Degli Studi Di Roma		
		EP 0 252 561 A2	01/13/1988	SCLAVO S.p.A.		
		EP 0 300 466 B1	09/13/1995	Cangene Corporation		
		EP 0 317 254 B1	09/28/1993	Delta Biotechnology Limited		
		EP 0 764 209 B1	01/10/2001	Delta Biotechnology Limited		
		EP 0 889 949 B1	05/28/2003	Delta Biotechnology Limited		
		WO 01/05826 A2	01/25/2001	GPC BIOTECH INC.		
		WO 02/70549 A2	09/12/2002	GPC BIOTECH INC.		
		WO 03/013573 A1	02/20/2003	EPIX MEDICAL, INC.		

NON PATENT LITERATURE DOCUMENTS				
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sec		ARANO, Y. et al., "In the procurement of stable ^{99m} Tc labeled protein using a bifunctional chelating agent," Appl. Radiat. Isol. 37(7):587-592 (1986).		
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Examiner Signature	KCCarson		Date Considered	5-2-06

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IDS Form PTO/SB/08: Substitute for form 1449A/PTO			Complete if Known		
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			Filing Date	February 11, 2004	
			First Named Inventor	Craig A. Rosen et al.	
			Art Unit	1653	
			Examiner Name	Karen C. Carlson	
Sheet	3	of	4	Attorney Docket Number	6832.0064-00

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation
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		Number-Kind Code (if known)			
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		US-4,283,489	08/11/1981	Goodman et al.	
		US-4,342,832	08/03/1982	Goeddel et al.	
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		US-4,462,940	07/31/1984	Hanisch et al.	
		US-4,492,684	01/08/1985	Goosen et al.	
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		US-5,002,764	03/26/1991	Peets et al.	
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		US-5,981,485	11/09/1999	O'Connor et al.	
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ccc		US-6,191,102 B1	02/20/2001	DiMarchi et al.	
		US-6,193,997 B1	02/27/2001	Modi	
		US-6,201,072 B1	03/13/2001	Rathi et al.	
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		US-6,448,225 B2	09/10/2002	O'Connor et al.	
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		US-6,472,373 B1	10/29/2002	Albrecht	
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Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

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		Country Code Number Kind Code (if known)				
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		CA 1341211	03/27/2001	HOECHST AKTIENGESELLSCHAFT		
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		DE 19921537 A1	11/23/2000	HORSCH, Dieter		English abstract
		EP 0 022 242 B1	11/11/1992	GENENTECH, INC.		
		EP 0 028 033 A2	05/06/1981	Juridical Foundation Japanese Foundation for		

Examiner Signature	KCCarlson	Date Considered	5-2-06
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			Filing Date	February 11, 2004	
			First Named Inventor	Craig A. Rosen et al.	
			Art Unit	1653	
			Examiner Name	Karen C. Carlson	
Sheet	7	of	19	Attorney Docket Number	6832.0064-00

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		Country Code Number Kind Code (if known)				
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		EP 0 229 016 B1	12/02/1992	SHIONOGI SEIYAKU KABUSHIKI KAISHA		

Examiner Signature	<i>KC Carlson</i>	Date Considered	5-2-06
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Examiner Signature	KCCarson			Date Considered	5-2-06	

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		WO 91/05052 A1	04/18/1991	LENIN-GRADSKY GOSUDARSTVENNY UNIVERSITET		English Abstract
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		WO 97/07814 A1	03/06/1997	BIONEBRASKA, INC.		

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		WO 01/36489 A2	05/25/2001	MERCK PATENT GMBH		
		WO 01/39784 A1	06/07/2001	THE GENERAL HOSPITAL CORPORATION		

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Examiner Signature	K.C. Carlson		Date Considered
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			Filing Date	February 11, 2004	
			First Named Inventor	Craig A. Rosen et al.	
			Art Unit	1653	
			Examiner Name	Karen C. Carlson	
Sheet	15	of	19	Attorney Docket Number	6832.0064-00

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation
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		ZOON, K.C., "Human inteferens: structure and function," Interferon 9:1-12 (1987).	

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U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
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		Number-Kind Code ² (if known)			
KCC		U.S. 5,545,618	08/13/1996	Buckley et al.	
		U.S. 5,612,196	03/18/1997	Becquart et al.	on IDS 12-15-05
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KCC		U.S. 5,668,007	09/16/1997	Spencer et al.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
KCC		EP 0 624 195	11/17/1994	Rhone Poulenc Rorer SA		
KCC		WO 01/77137	10/18/2001	Human Genome Sciences, Inc.		
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KCC		ADELHORST, K. et al., "Structure-Activity studies of glucagon-like peptide-1," J. Biol. Chem. 269 (9): 6275-6278 (1994).	
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KCC		10/933,523	Pending (not published)	Rosen et al.	
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Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

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Examiner Signature	KCCarlson	Date Considered	5-2-06
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